Forum: CentOS 5 - Hardware Support

Topic: Dual Monitor Video Card Issues - nVidia Quadro FX 580

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Greetings,

I have repeatedly installed CentOS 5.5 64-bit on a Dell T3500 with an nVidia Quadro FX 580, in an attempt to get dual monitor support to work to no avail. Everything works fine when just one monitor is plugged in and I do not try to enable or plug in a second monitor. I have installed the Dell DKMS, and the Dell recommended drivers (from Dell site) on one installation, I installed the nVidia drivers (from nVidia site) on another, and have tried with what CentOS loads by default on another. The results are the same every time: When I reboot as directed I get a black screen. I can recover by hard shutdown and unplugging one of the monitors, but that doesn't solve my problem. Has anyone had a similar experience, or have any helpful guidance? I am not very Linux savvy.

Any insight would be greatly appreciated. This is for multiple machines in a corporate environment. Thank you in advance.

Information for general problems.
== BEGIN uname -rmi == 2.6.18-194.26.1.el5 x86_64 x86_64 == END uname -rmi == == BEGIN rpm -q centos-release == centos-release-5-5.el5.centos == END rpm -q centos-release == == BEGIN cat /etc/redhat-release == CentOS release 5.5 (Final) == END cat /etc/redhat-release == == BEGIN getenforce == Enforcing == END getenforce == == BEGIN rpm -q yum rpm python == yum-3.2.22-26.el5.centos rpm-4.4.2.3-20.el5_5.1 python-2.4.3-27.el5_5.3 == END rpm -q yum rpm python == == BEGIN ls /etc/yum.repos.d == CentOS-Base.repo CentOS-Media.repo == END ls /etc/yum.repos.d == == BEGIN cat /etc/yum.conf == [main] cachedir=/var/cache/yum keepcache=0 debuglevel=2 logfile=/var/log/yum.log distroverpkg=redhat-release tolerant=1 exactarch=1 obsoletes=1 gpgcheck=1 plugins=1 # Note: yum-RHN-plugin doesn't honor this. metadata_expire=1h # Default. # installonly_limit = 3 # PUT YOUR REPOS HERE OR IN separate files named file.repo # in /etc/yum.repos.d == END cat /etc/yum.conf == == BEGIN yum repolist all == Loaded plugins: fastestmirror Loading mirror speeds from cached hostfile * addons: mirrors.finalasp.com * base: pubmirrors.reflected.net * extras: mirrors.finalasp.com * updates: centos.mbni.med.umich.edu repo id repo name status addons CentOS-5 - Addons enabled: 0 base CentOS-5 - Base enabled: 3,434 c5-media CentOS-5 - Media disabled centosplus CentOS-5 - Plus disabled contrib CentOS-5 - Contrib disabled extras CentOS-5 - Extras enabled: 303 updates CentOS-5 - Updates enabled: 1,033 repolist: 4,770 == END yum repolist all == == BEGIN egrep 'include|exclude' /etc/yum.repos.d/*.repo == == END egrep 'include|exclude' /etc/yum.repos.d/*.repo == == BEGIN sed -n -e "/^[/h; /priority *=/{ G; s/n/ /; s/ity=/ity = /; p }" /etc/yum.repos.d/*.repo | sort -k3n == == END sed -n -e "/^[/h; /priority *=/{ G; s/n/ /; s/ity=/ity = /; p }" /etc/yum.repos.d/*.repo | sort -k3n == == BEGIN cat /etc/fstab == /dev/VolGroup00/LogVol00 / ext3 defaults 1 1 LABEL=/boot /boot

ext3 defaults 1 2 tmpfs /dev/shm tmpfs defaults 0 0 devpts /dev/pts devpts gid=5,mode=620 0 0 sysfs /sys sysfs defaults 0 0 proc /proc proc defaults 0 0 /dev/VolGroup00/LogVol01 swap swap defaults 0 0 == END cat /etc/fstab == == BEGIN df -h == Filesystem Size Used Avail Use% Mounted on /dev/mapper/VolGroup00-LogVol00 446G 4.4G 419G 2% / /dev/sda1 99M 19M 75M 21% /boot tmpfs 1.9G 0 1.9G 0% /dev/shm == END df -h == == BEGIN fdisk -l == Disk /dev/sda: 500.1 GB, 500107862016 bytes 255 heads, 63 sectors/track, 60801 cylinders Units = cylinders of 16065 * 512 = 8225280 bytes Device Boot Start End Blocks Id System /dev/sda1 * 1 13 104391 83 Linux /dev/sda2 14 60801 488279610 8e Linux LVM == END fdisk -l == == BEGIN blkid == /dev/mapper/VolGroup00-LogVol01: TYPE="swap" /dev/mapper/VolGroup00-LogVol00: UUID="a5905644-8352-443c-9de6-38058908a90d" TYPE="ext3" /dev/sda1: LABEL="/boot" UUID="be96c4df-c0b1-44c0-b46a-baaf53174f9e" TYPE="ext3" /dev/VolGroup00/LogVol00: UUID="a5905644-8352-443c-9de6-38058908a90d" TYPE="ext3" /dev/VolGroup00/LogVol01: TYPE="swap" == END blkid == == BEGIN rpm -qa kernel* | sort == kernel-2.6.18-194.26.1.el5 kernel-2.6.18-194.el5 kernel-devel-2.6.18-194.26.1.el5 kernel-devel-2.6.18-194.el5 kernel-headers-2.6.18-194.26.1.el5 == END rpm -qa kernel* | sort == == BEGIN lspci == 00:00.0 Host bridge: Intel Corporation 5520/5500/X58 I/O Hub to ESI Port (rev 22) 00:01.0 PCI bridge: Intel Corporation 5520/5500/X58 I/O Hub PCI Express Root Port 1 (rev 22) 00:03.0 PCI bridge: Intel Corporation 5520/5500/X58 I/O Hub PCI Express Root Port 3 (rev 22) 00:07.0 PCI bridge: Intel Corporation 5520/5500/X58 I/O Hub PCI Express Root Port 7 (rev 22) 00:14.0 PIC: Intel Corporation 5520/5500/X58 I/O Hub System Management Registers (rev 22) 00:14.1 PIC: Intel Corporation 5520/5500/X58 I/O Hub GPIO and Scratch Pad Registers (rev 22) 00:14.2 PIC: Intel Corporation 5520/5500/X58 I/O Hub Control Status and RAS Registers (rev 22) 00:1a.0 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #4 00:1a.1 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #5 00:1a.2 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #6 00:1a.7 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB2 EHCI Controller #2 00:1b.0 Audio device: Intel Corporation 82801JI (ICH10 Family) HD Audio Controller 00:1c.0 PCI bridge: Intel Corporation 82801JI (ICH10 Family) PCI Express Root Port 1 00:1c.5 PCI bridge: Intel Corporation 82801JI (ICH10 Family) PCI Express Root Port 6 00:1d.0 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #1 00:1d.1 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #2 00:1d.2 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB UHCI Controller #3 00:1d.7 USB Controller: Intel Corporation 82801JI (ICH10 Family) USB2 EHCI Controller #1 00:1e.0 PCI bridge: Intel Corporation 82801 PCI Bridge (rev 90) 00:1f.0 ISA bridge: Intel Corporation 82801JIR (ICH10R) LPC Interface Controller 00:1f.2 RAID bus controller: Intel Corporation 82801 SATA RAID Controller 00:1f.3 SMBus: Intel Corporation 82801JI (ICH10 Family) SMBus Controller 01:00.0 Ethernet controller: Broadcom Corporation NetXtreme BCM5722 Gigabit Ethernet PCI Express 02:00.0 VGA compatible controller: nVidia Corporation G96 [Quadro FX 580] (rev a1) 05:00.0 Ethernet controller: Broadcom Corporation NetXtreme BCM5761 Gigabit Ethernet PCIe (rev 10) 06:05.0 FireWire (IEEE 1394): Agere Systems FW322/323 (rev 70) == END lspci == == BEGIN lspci -n == 00:00.0 0600: 8086:3405 (rev 22) 00:01.0 0604: 8086:3408 (rev 22) 00:03.0 0604: 8086:340a (rev 22) 00:07.0 0604: 8086:340e (rev 22) 00:14.0 0800: 8086:342e (rev 22) 00:14.1 0800: 8086:3422 (rev 22) 00:14.2 0800: 8086:3423 (rev 22) 00:1a.0 0c03: 8086:3a37 00:1a.1 0c03: 8086:3a38 00:1a.2 0c03: 8086:3a39 00:1a.7 0c03: 8086:3a3c 00:1b.0 0403: 8086:3a3e 00:1c.0 0604: 8086:3a40 00:1c.5 0604: 8086:3a4a 00:1d.0 0c03: 8086:3a34 00:1d.1 0c03: 8086:3a35 00:1d.2 0c03: 8086:3a36 00:1d.7 0c03: 8086:3a3a 00:1e.0 0604: 8086:244e (rev 90) 00:1f.0 0601: 8086:3a16 00:1f.2 0104: 8086:2822 00:1f.3 0c05: 8086:3a30 01:00.0 0200: 14e4:165a 02:00.0 0300: 10de:0659 (rev a1) 05:00.0 0200: 14e4:1681 (rev 10) 06:05.0 0c00:

11c1:5811 (rev 70) == END lspci -n == == BEGIN ifconfig -a == eth0 Link encap:Ethernet HWaddr 00:10:18:8A:16:37 BROADCAST MULTICAST MTU:1500 Metric:1 RX packets:0 errors:0 dropped:0 overruns:0 frame:0 TX packets:0 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:0 (0.0 b) TX bytes:0 (0.0 b) Interrupt:82 Memory:f3ef0000-f3f00000 eth1 Link encap:Ethernet HWaddr B8:AC:6F:94:8D:45 inet addr: Bcast: Mask: inet6 addr: fe80::baac:6fff:fe94:8d45/64 Scope:Link UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:6850 errors:0 dropped:0 overruns:0 frame:0 TX packets:2703 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:3321162 (3.1 MiB) TX bytes:421313 (411.4 KiB) Interrupt:177 Memory:f3de0000-f3df0000 lo Link encap:Local Loopback inet addr:127.0.0.1 Mask:255.0.0.0 inet6 addr: ::1/128 Scope:Host UP LOOPBACK RUNNING MTU:16436 Metric:1 RX packets:1681 errors:0 dropped:0 overruns:0 frame:0 TX packets:1681 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:0 RX bytes:2808388 (2.6 MiB) TX bytes:2808388 (2.6 MiB) sit0 Link encap:IPv6-in-IPv4 NOARP MTU:1480 Metric:1 RX packets:0 errors:0 dropped:0 overruns:0 frame:0 TX packets:0 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:0 RX bytes:0 (0.0 b) TX bytes:0 (0.0 b) == END ifconfig -a == == BEGIN route -n == Kernel IP routing table Destination Gateway Genmask Flags Metric Ref Use Iface == END route -n == == BEGIN cat /etc/resolv.conf == ; generated by /sbin/dhclient-script search nameserver nameserver == END cat /etc/resolv.conf == == BEGIN grep net /etc/nsswitch.conf == #networks: nisplus [NOTFOUND=return] files #netmasks: nisplus [NOTFOUND=return] files netmasks: files networks: files netgroup: nisplus == END grep net /etc/nsswitch.conf == == BEGIN chkconfig --list | grep -Ei 'network|wpa' == NetworkManager 0:off 1:off 2:off 3:off 4:off 5:off 6:off network 0:off 1:off 2:on 3:on 4:on 5:on 6:off wpa_supplicant 0:off 1:off 2:off 3:off 4:off 5:off 6:off == END chkconfig --list | grep -Ei 'network|wpa' ==